

Earthdata UTC Meeting 09.27.2016

1. Attendance

Please make a comment at the bottom of this agenda to record your attendance.

2. EMS Status

Nelson Casiano

- **Upcoming/Ongoing Activities with Data Providers**
 - URS metrics
 - If you are sending URS (Earthdata login) metrics in your distribution logs to EMS, please let us know to make sure we mark the metrics correctly.
 - New ASF Distribution File Names
 - Promoted new ASF distribution files to Production.
 - Reprocessed 1341 distribution files.
 - LPDAAC
 - Testing OPeNDAP files in UAT. Files will be promoted to production soon.
 - GHRC
 - Testing new distribution files in UAT.
 - GES DISC
 - Configuring and testing a new GES DISC NRT distribution file.
 - ECS Release 8.4.2 Testing
 - Testing with development has been completed.
 - NSIDC is sending in test files – no issues in testing thus far.
 - MODAPS
 - Working with MODAPS team to test Sentinel 3a distribution files.

- 1. Attendance
- 2. EMS Status
- 3. Earthdata Login
- 4. Earthdata
- 5. User Support Tool
- 6. CMR/ECHO/Earthdata Search/MMT
 - CMR/ECHO System Status
 - CMR Release Status
 - Earth Data Search Release Status
 - Metadata Management Tool Release Status
 - Upcoming PMs
- 7. GIBS
- 8. Worldview
- 9. Open Floor

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3. Earthdata Login

Peter Smith

- [Earthdata Login public wiki](#)

Sprint Status

Ticket Status

4. Earthdata

Nathan Clark Brett McLaughlin Robert Gelinas

-

Key tickets in current sprint

5. User Support Tool

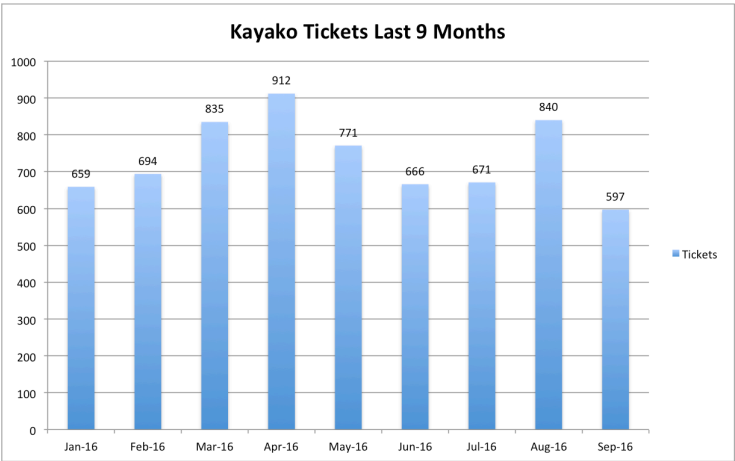
Nemanja Djuric

Activities:

Issues:

Recent Metrics

Kayako Overall Last 9 Months Tickets



Total Kayako Tickets since last UTC

| | Closed | In Progress | On Hold | Open | Waiting | Waiting for User |
|------------------|--------|-------------|---------|------|---------|------------------|
| ASDC | 37 | 3 | | 1 | 1 | |
| ASF | 10 | | | | | |
| CDDIS | | | | 1 | | |
| ECC | 11 | | | 1 | | |
| ECHO | 15 | | | | | |
| Earthdata | 7 | | | 1 | | |
| Earthdata Search | 8 | | | | | |
| FIRMS | 5 | | | 4 | | |
| GCMD | 6 | | | 1 | | |
| GES-DISC | 3 | | | | | |
| GHRC | 4 | | | | | |
| GIBS | 2 | | | 1 | | |
| LANCE | 1 | | | | | |
| LPDAAC | 42 | | 1 | 3 | | |
| MODAPS | 16 | | | | | |
| NSIDC | | | | 1 | | |
| OB.DAAC | 1 | | | | | |
| ORNL DAAC | 4 | | | 5 | | |
| PO.DAAC | 5 | | | 5 | | |
| PO.DAAC Forum | 1 | | | 3 | | |

| | | | | | | |
|-----------------------|-----|---|---|----|---|---|
| Rapid Respon se | 1 | | | | | |
| Reverb | 6 | | | | | |
| URS | 75 | | | 1 | | |
| UUI | | | | 4 | | |
| Worldvie w | 6 | | | 2 | | 1 |
| Total | 266 | 3 | 1 | 34 | 1 | 1 |

6. CMR/ECHO/Earthdata Search/MMT

Doug Newman

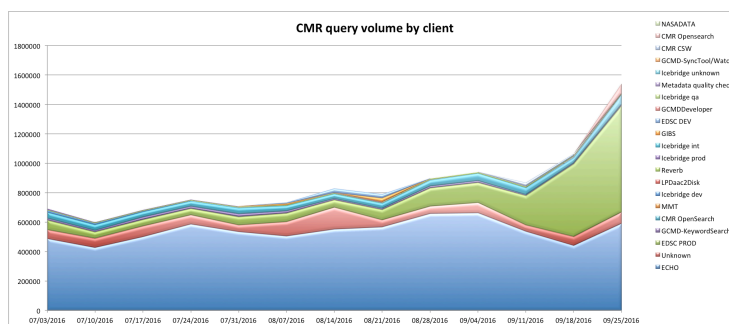
CMR/ECHO System Status

System Issues

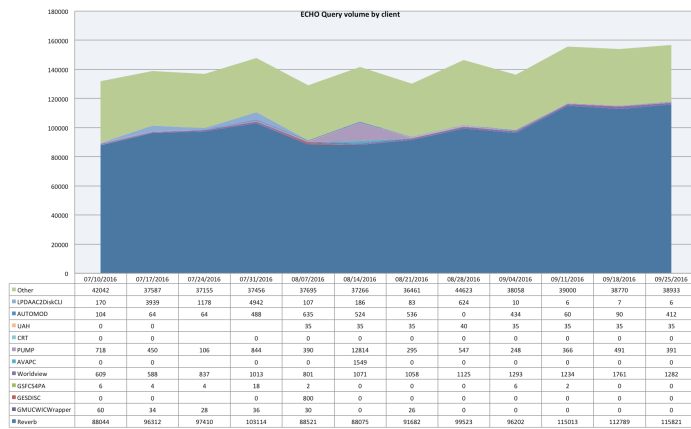
- [09/21/2016](#) - Earthdata Login issues affected CMR, ECHO, Reverb and EDSC - see [Earthdata Login status](#)

Recent Metrics

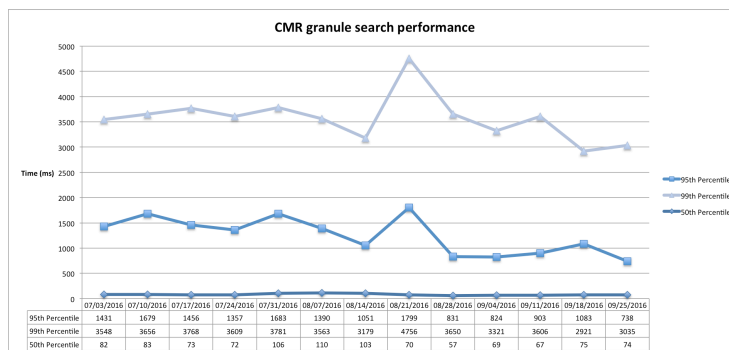
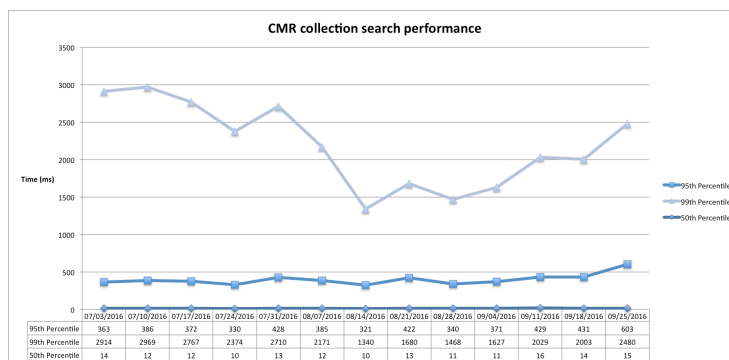
CMR client usage



ECHO Client Usage



CMR Query Performance



CMR Release Status

In Production: 1.58

| | |
|----------|---|
| CMR-3322 | Search with empty token parameter causes 500 error |
| CMR-3296 | Searching for an ingested dataset returns an empty result (UAT) (CMR Bug) |
| CMR-3260 | As a Client User, I want to be able to submit humanizer fixes for immediate use. |
| CMR-3255 | Fix ISO SMAP mapping problems from real data |
| CMR-3254 | Fix ISO19115 mapping problems from real data |
| CMR-3253 | Fix DIF10 mapping problems from real data |
| CMR-3252 | Fix DIF9 mapping problems from real data |
| CMR-3195 | As a Client User, I would like to enable UMM JSON schema validation for an individual ingest request |
| CMR-3158 | As a client user, I want to be able to retrieve UMM JSON with organization and personnel fields translated from ECHO 10 |
| CMR-2840 | Elements being dropped from DIF to ECHO10 conversion |
| CMR-2458 | EDSC-1191 |

In UAT: 1.59

| | |
|----------|---|
| CMR-3371 | CMR stores tag association data keys as kebab case. |
| CMR-3368 | Humanizer fields not being indexed correctly in UAT |
| CMR-3362 | Update AST_L1A virtual collections Granule_Spatial_Representation from CARTESIAN to GEODETIC |
| CMR-3332 | Invalid configuration items in UAT |
| CMR-3313 | Granules exist in Ops with temporal start time or end time later than the temporal end of its parent collection |
| CMR-3303 | As a client user, I want to conditionally exclude default values during umm-c ingest validation |
| CMR-3164 | Polygon search causes internal error |
| CMR-3156 | Error with initializing oracle connection |

Note: In release 1.60 we will be making changes to the CMR ingest API to ensure the uniqueness of granule URs within a provider. This functionality will be deployed at the following times:

- UAT 10/05/16
- PROD 10/19/16

You may see granule ingest failures because of this.

Earth Data Search Release Status

In Production: 1.27

EDSC-1175 Remove NGAP test code from EDSC

EDSC-1144 SIT and UAT EDSC in NGAP use prod browse-scaler root url

EDSC-1143 Order failure description is not present

EDSC-1087 As a user, I want the cloud-based Earthdata Search to retain the data from the on-premises version so I do not lose data in the migration

In UAT: 1.28

EDSC-1181 Automated Download Script creation throws 500 error.

EDSC-1168 EDSC Automatic Download Script replaces >> with >> when downloaded.

EDSC-1166 Automated Download Script generated does not properly account for NSIDC process

EDSC-1164 keyword search from landing page no longer works

EDSC-1162 Granule filters are not representative of collection data (Earthdata Search)

EDSC-1156 Error retrieving options on Data Access page (Earthdata Search)

EDSC-1153 Service options not loading for some users in OPS

EDSC-1133 Fix URL compressors when CMR-3207 is done

Metadata Management Tool Release Status



In Ops: 1.30

MMT-691 Error trying to delete collection using MMT in UAT

In UAT: 1.30

MMT-691 Error trying to delete collection using MMT in UAT

Upcoming PMs

- ECHO/CMR/EDSC PM on  **28 Sep 2016**
 - UAT/PT OS Patching - outage
- ECHO/CMR/EDSC PM on  **29 Sep 2016**
 - PROD/OPS OS patching - live

7. GIBS

Matthew Cechini

- **General Items**
 - ICD Revision 2 - Extended due date is 10/7, at which time the document will be baselined.
- **New/Planned Products**
 - Multi-Day Products - Numerous multi-day imagery products have been released to GIBS production, but cannot be included in Worldview until an issue with image download is resolved. Code has been received and is being tested. Impacted products include:
 - WELD - Annual & Monthly CR321 & NDVI
 - ASDC - MOPITT/CERES/MISR Radiance
 - GHRC - RSS/HRFC
 - NSIDC - MEaSUREs Ice Velocity
 - MODIS Collection 6 - Atmosphere & Land Reprocessing
 - Atmosphere STD Reprocessing - Completed verification of regenerated sample imagery for AOD, Water Vapor, Effective Radiance, and Optical Thickness. Preparing reprocessing of incorrect imagery products.
 - Atmosphere NRT Forward Processing - Outstanding issues with Cloud Top Height and PCL layers have been fixed.
 - Land L2 - Awaiting full completion of Atmosphere L2 products.
 - Land L3 - Coordinating with MODAPS on first phase of sample imagery
 - Non-BEDI Imagery Products
 - Completed review of updated OMI AOD NRT products. Awaiting historical reprocessing prior to release.
 - Reviewing MISR NRT high-res products with imagery provider and science team.
 - Testing MODIS C6 NDVI NRT imagery products in test environments.
 - BEDI Activities - Actively working towards operationalization of the following products:
 - OMI/AIRS/MERRA/LDAS - GESDISC
 - Coordinating update to Giovanni to address color palette issues.
 - Initial testing is positive, awaiting release to production.
 - OMI, MERRA, LDAS, and AIRS historical reprocessing to be performed next.
 - RSS/LIS - GHRC
 - Forward processing verified and actively being promoted up to production.
 - Historical review has completed and imagery is being promoted up to production.
 - MISR - ASDC
 - Completed initial testing for fix to MISR granule "issue". Pending resource availability for historical reprocessing.

- ASTER L1T - LPDAAC
 - Performing verification of historical reprocessing custom API.
- Aquarius/MEaSURES/SSM/I - NSIDC
 - Testing forward processing in GIBS test environment.
 - Coordinating historical review.
- Aquarius/MODIS PODAAC
 - Pending coordination of historical reprocessing.

Alex De Luca Jerome King

- **GIBS Production Status**
 - Incident on 09/15 with corrupt cache config on one of our cache boxes causing spotty imagery access
 - Deployed 0.4 OnEarth Tools:
 - Better/Safer way to build our cache configs
 - Correctly build our TWMS endpoint
 - Properly link our empty tiles
 - Ability to generating our mapfiles automatically

8. Worldview

Taylor Gunnoe

- Dual legend colormaps now have custom colormap options for each legend
- More support for using worldview code with alternate clients
- Worldview 1.3, TBD release date, features:
 - Animation of imagery over dates
 - Data value reader under cursor
 - Ability to rotate the polar views

9. Open Floor